

ISS and Human Research Project Office Highlights October 30, 2009

ISS Research Program

CIR Operations continue on the ISS

The Fluids and Combustion Facility's (FCF) Combustion Integrated Rack (CIR) continued ISS operations on October 24 and 25, 2009. Five successful science data points (droplet burns) were performed and the data transferred to Glenn Research Center's (GRC) Telescience Support Center. The CIR was resupplied by the recent HTV-1 logistics flight and installed by the ISS crew. Limited operational time has been provided over the past month due to commissioning of new ISS racks launched on STS-128. The FCF team is working to get more operational time to support CIR operations in the future. (POC: MAH/Robert Corban, (216) 433-6642)

Girl Scouts participate in "NASA Engineer for a Day" event.

Working together, NASA Glenn and the Girl Scouts of North East Ohio (GSNEO) conducted a highly successful educational event in NASA Glenn's main cafeteria on Sunday afternoon, October 25, 2009. An afternoon of engineering challenges was held for girls of ages 11-17 with a general goal of inspiring their interest in Science, Technology, Engineering, and Mathematics (STEM). About forty Girl Scouts and ten adults participated, where the number was lower than planned because of illness. Through 15 activity stations, the girls designed, built, and tested model rockets, gliders, space suits, roller coasters, and more. The activities were staffed by eight NASA personnel and roughly 30 female engineering and science students from Case Western Reserve University (CWRU), recruited by REC intern Amber Abbott who is herself a CWRU engineering student. The additional NASA volunteers included Joan Emmett (ASRC/MAH), Nancy R. Hall (MAH), Dawn Jenkins (Analex/MB), Julie Kleinhenz (RPP), Dennis Stocker (REC), Afroz Zaman (RHA), and REC intern Lin Wang. If you would like to help with future events, such as the Space Station Science Day that will be held on March 27, 2009 please contact Dennis Stocker who coordinates NASA Glenn's partnership with GSNEO. (POC: MAH/Nancy R. Hall, (216) 433-5643).

Human Research Program

IVGEN holds successful SAR-II

On October 27, 2009, the Intravenous Water Generation (IVGEN) project held its System Acceptance Review (SAR)-II. The executive board approved shipping the IVGEN flight hardware to Kennedy Space Center (KSC) for payload integration. (POC: MAH/DeVon Griffin, (216) 433-8109)